

Scandinavian seminar

Green Building – Building Green in Cities

25.–26.8.2016, Helsinki, Finland

Pressing problems of our time, e.g. climate change and diminishing natural resources, require responsive measures in planning and practice. The essential question is how we can produce high-quality and liveable urban built environments that are sustainable. Successful results require multisectoral exchanges of knowledge and cooperation. Well functioning built examples can encourage creative and innovative solutions.

Nykypäivän polttavat ongelmat , kuten ilmastomuutos ja luonnonvarojen hupeneminen, edellyttävät tehokkaita toimia suunnittelusta käytäntöön. Keskeinen kysymys on, miten tuotetaan laadukasta ja elävää kaupunkiympäristöä kestäväällä tavalla. Onnistuneet toteutukset edellyttävät monialaista osaamista, tehokasta tiedonvaihtoa ja konkreettista yhteistyötä. Toimivat käytännön esimerkit kannustavat kokeilemaan ja hyödyntämään ennakkoluulottomiakin ratkaisuja.

This two-day Scandinavian seminar **Green Building – Building Green in Cities** will illuminate integrated aspects of green building practices and solutions. The aim is to inspire discussion across professional and administrative borders.

A joint excursion and dinner will offer possibilities for informal encounters and networking. The annual Scandinavian green roof award for 2016 will be announced.

Kaksipäiväinen yhteispohjoismainen **Green Building – Building Green in Cities** -seminaari nivoo yhteen vihreän rakentamisen eri puolia ja esittelee käytännön ratkaisuja. Tavoitteena on herättää keskustelua yli ammatti- ja hallinnollisten rajojen.

Yhteinen retki ja päivällinen tarjoavat puitteet vapaamuotoisille kohtaamisille.

Seminaarissa julkistetaan pohjoismaiden paras viherkattohanke vuonna 2016.

PROGRAM – OHJELMA

Thursday 25.8. at 12.00–16.30

Topics: construction, economy, policy instruments, risks, circular economy (materials)

Chair: PhD, researcher **Kati Vierikko**, University of Helsinki

12.00 **Opening**, MEP **Sirpa Pietikäinen**, chair of VYL

Keynote: An ecosystem approach to the greening of cities, director **Gary Grant**, the Green Infrastructure Consultancy Ltd, UK

Viherkattojen RT-kortit - Finnish green roof Building Information Cards, landscape architect, project manager, **Aino-Kaisa Nuotio**, Ramboll Finland Ltd

Promoting green roofs – examples of international policy instruments, BSc, horticulturist **Taina Suonio**, University of Helsinki

13.35 **Coffee break – networking, posters, company presentations**

How vegetated structures are considered in certification systems (LEED & BREEAM & HOT), manager **Timo Rintala**, Green Building Council Finland/ Green Building Partners Oy

Developing sustainable urban environments, Senior vice president, urban development **Juha Kostiainen**, YIT PLC

Building-integrated vegetation in construction processes, researchers **Hanna Nieminen**, Finnish Environmental Institute and **Marja Mesimäki**, University of Helsinki

15.10 **Break – networking, posters, company presentations**

Green factor in urban planning, doctoral candidate **Simo Haanpää**, Aalto University, School of Engineering, Department of Built Environment

Use of recycled concrete, product manager **Henri Kylä-Utsuri**, Rudus Ltd.

How to improve water and nutrient retention in green roofs, PhD, researcher **Kirsi Kuoppamäki**, University of Helsinki

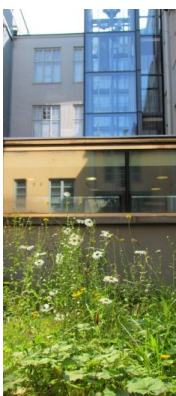
SGRA & Scandinavian Green Roof Award, chair of the board **David Brasfield**

18.00–21.00 **Dinner** at Kaapelitehdas/ Cable Factory with **Scandinavian Green Roof Award 2016 ceremony**

21.00 → **After-party at Helsinki Night of Arts;**
<http://www.helsinginjuhlaviikot.fi/en/info/>



City of Helsinki



Photos: Taina Suonio

PROGRAM – OHJELMA

Friday 26.8. at 8.30–13.00 & excursion at 14.30

Topics: Health, well-being, liveability, design

Chair: Principal investigator, PhD **Susanna Lehvävirta**, University of Helsinki

8.30 *Coffee – networking*

9.00 **Introduction**, deputy mayor **Anni Sinnemäki**, City of Helsinki

Key note: Biomimetic Architecture, Prof. **Thomas Speck**, University of Freiburg

Coffee break – networking, posters, company presentations

How urban nature contributes to residents' health,
prof. **Liisa Tyrväinen**, The Natural Resources Institute, Finland

Psychosocial effects of nature, senior researcher, PhD **Erja Rappe**,
The Age Institute

Nature inside and human well-being, CTO **Niko Järvinen**, NaturVention

Viherkatot rakennusvalvonnan näkökulmasta – green roofs in building supervision, MSc (Tech) **Vesa Isakov**, City of Helsinki

11.30 *Break – networking, posters, company presentations*

Inspiring cases in Scandinavia

- **Quality-assured solutions for green roof gardens in Sweden: Creating best practice through cooperation**, PhD, researcher **Tobias Emilsson**
- **'Greenest of the green' block, Jätkäsaari, Helsinki**, principal investigator, PhD **Susanna Lehvävirta**, University of Helsinki
- **Kuninkaantammi residential area**, City of Helsinki, urban planner **Suvi Tyynilä**
- **What is the value of birdsinging at your hospital?** architect **David Brasfield**
- **Björns vertical garden**, landscape architect **Sofia Eskilsdotter**

13.00 *Lunch*

14.30 **Excursion in the city center**

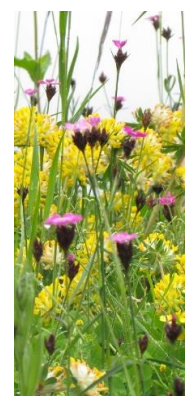
- **Rooftop farming & coffee at restaurant Savoy**
- **Experimental green roofs on University buildings**, University of Helsinki, **Fifth Dimension research group**
- **Green wall, restaurant Bryggeri**, BSc, horticulturist **Taina Suonio**, University of Helsinki

The price 40 e (vatt 0), incl. the program , coffees, lunch & dinner.

REGISTRATION OPEN UNTIL 16.8.2016

Seminaarimaksu 40 e (alv 0), sis. ohjelman sekä ruokailut (kahvit, lounas, illallinen).

ILMOITTAUDU 16.8.2016 MENNESSÄ



Photos: Taina Suonio

The seminar is a high-profile event for key decision makers: city authorities, policy makers, landscape designers/architects, architects, real estate developers, construction companies etc.

Seminaari on korkeatasoinen tapahtuma alan avainpäättäjille: kaupunkien virkamiehille, maisemasuunnittelijoille ja -arkkitehdeille, arkkitehdeille, rakennuttajille, rakentajille ja päätöksentekijöille.

Languages: English and Finnish

The seminar is part of "Green year" in Finland, and organized in cooperation between The Green Building Council Finland, The Finnish Association of Architects SAFA, The Finnish Association of Landscape Industries VYL, The Scandinavian Green Roof Association SGRA, The University of Helsinki and The City The Planning Department of City of Helsinki.

Seminaari on osa Vihervuotta 2016, ja sen järjestävät yhteistyössä Green Building Council Finland, Suomen Arkkitehtiliitto SAFA, Viherympäristöliitto, Scandinavian Green Roof Association, Helsingin yliopisto ja Helsingin kaupunkisuunnitteluvirasto.

Photo: Taina Suonio

Venue: Helsinki City Planning
Department auditorium,
Kansakoulukatu 3, 00100 Helsinki

Paikka: Helsingin
kaupunkisuunnitteluviraston auditorio
Kansakoulukatu 3, 00100 Helsinki

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KEYNOTE SPEAKERS

Director **Gary Grant**, the Green Infrastructure Consultancy Ltd, UK



Gary Grant has worked over 30 years on urban green infrastructure, with several hundred projects of e.g. ecological survey and assessment, biodiversity action planning, green infrastructure planning, site design and management plans. Gary works closely with built environment professionals encouraging the ecosystem services approach for good-quality cities, e.g. on climate change adaptation projects, as well as the design of building-integrated vegetation (green roofs and living walls). He is a consultant ecologist, Chartered Environmentalist, Fellow of the Chartered Institute of Ecology and Environmental Management, and Member of the All Party Parliamentary Group on Biodiversity. Gary is an author of two books: *Green Roofs and Facades* and *Ecosystem Services Come to Town – Greening cities by working with nature*. His new book, *The Water Sensitive City* will be published by Wiley in 2016. His projects include e.g. London Olympic Park Biodiversity Action Plan, Whitehill-Bordon Eco Town, Lend Lease HQ Roof Garden, Westfield living wall, Natural History Museum Wildlife Garden, and Education City, Qatar and Saadiyat Island, Abu Dhabi.

Prof. **Thomas Speck**, Plant Biomechanics Group Freiburg, Botanic Garden, Faculty of Biology, University of Freiburg, Germany



Thomas Speck is interested in learning from nature for technical innovations. He studied biology at the University of Freiburg, finished his PhD in 1990 and received 1996 after his habilitation the *venia legendi* for botany & biophysics. Since 10'2006 he has held the chair for 'Botany: Functional Morphology and Biomimetics'. He is speaker of the state-wide Competence Network Biomimetics, board member of the federal Bionics Competence Network BIONIKON e.V., vice-president of BIONIKON international - The Biomimetics Association, vice-chair of the Society for Technical Biology and Bionics, and board member of the Biomechanics Group of the Society for Experimental Biology, U.K. Thomas Speck is deputy director of the Freiburg Center for Interactive Materials and Bio-Inspired Technologies (FIT) and scientific member of the Materials Research Centre Freiburg (FMF). For his research in the fields of biomimetics and biomechanics, and his activities for Botanic Gardens he received several scientific awards. Thomas Speck is (co-)editor of several scientific books and journals and has published more than 500 scientific articles in the fields of functional morphology, biomechanics, biomimetics, evolutionary biology and palaeobotany.